

**What is claimed is:**

1           1.     A computer apparatus, comprising:  
2           a basic input output system testing and controlling said computer apparatus when power  
3 is supplied;  
4           a basic input output memory being included in said basic input output system;  
5           a sound command signal unit provided in said basic input output system memory,  
6 generating a sound command signal according to a system state of said computer apparatus;  
7           a booting sound memory storing sound data; and  
8           a booting sound controller outputting said sound data in said booting sound memory to a  
9 speaker according to said sound command signal.

10           2.     The apparatus of claim 1, said sound data including a booting message, a  
11 completion message, and a power saving mode release message.

12           3.     The apparatus of claim 1, further comprising an input unit storing and deleting  
13 said sound data, and selecting said sound data according to said system state.

14           4.     The apparatus of claim 1, said system state of said computer apparatus  
15 corresponding to a transitional state selected from among a full power off mode being converted  
16 to a full power on mode, a full power on mode being converted to a full power off mode, a first

4 power save mode being activated, a first power save mode being deactivated, a second power  
5 save mode being activated, a second power save mode being deactivated, a third power save  
6 mode being activated, and a third power save mode being deactivated.

1 5. The apparatus of claim 4, further comprising an input unit storing and deleting  
2 said sound data, and selecting said sound data according to said system state.

1 6. The apparatus of claim 5, said sound data including a plurality of different  
2 individual audio messages, each respective one of said individual audio messages corresponding  
3 to a respective one of said transitional states.

1 7. The apparatus of claim 4, said sound data including a plurality of different  
2 individual audio messages, each respective one of said individual audio messages corresponding  
3 to a respective one of said transitional states.

1 8. The apparatus of claim 1, said system state of said computer apparatus being a  
2 transitional state selected from among a booting mode corresponding to a full power off mode  
3 being converted to a full power on mode, a completion mode corresponding to a full power on  
4 mode being converted to a full power off mode, and a power save release mode corresponding to  
5 a power save mode being converted to a full power on mode.

1           9.     The apparatus of claim 8, further comprising an input unit storing and deleting  
2     said sound data, and selecting said sound data according to said system state.

1           10.    The apparatus of claim 9, said sound data including a booting message output  
2     during said booting mode, a completion message output during said completion mode, and a  
3     power saving mode release message output during said power save release mode.

1           11.    The apparatus of claim 8, said sound data including a booting message output  
2     during said booting mode, a completion message output during said completion mode, and a  
3     power saving mode release message output during said power save release mode.

1           12.    A method for controlling a computer, comprising:  
2     storing sound data depending upon a system state of a computer;  
3     detecting said system state when power is supplied to said computer;  
4     generating a sound command signal depending upon said detected system state; and  
5     outputting said sound data according to said sound command signal.

1           13.    The method of claim 12, said sound data including data corresponding to said  
2     system state such as a booting message, a completion message, and a power saving mode release  
3     message.

1 14. The method of claim 12, said sound data including music data input by a user.

1 15. The method of claim 14, said system state of said computer apparatus being a  
2 transitional state selected from among a booting mode corresponding to a full power off mode  
3 being converted to a full power on mode, a completion mode corresponding to a full power on  
4 mode being converted to a full power off mode, and a power save release mode corresponding to  
5 a power save mode being converted to a full power on mode.

1 16. The method of claim 15, further comprising storing and deleting said sound data,  
2 and selecting said sound data according to said system state.

1 17. The method of claim 16, said sound data including a booting message output  
2 during said booting mode, a completion message output during said completion mode, and a  
3 power saving mode release message output during said power save release mode.

1 18. The method of claim 15, said sound data including a booting message output  
2 during said booting mode, a completion message output during said completion mode, and a  
3 power saving mode release message output during said power save release mode.

1 19. The method of claim 12, further comprising storing and deleting said sound data,  
2 and selecting said sound data according to said system state.

1           20.    The method of claim 12, said system state of said computer corresponding to a  
2   transitional state selected from among a full power off mode being converted to a full power on  
3   mode, a full power on mode being converted to a full power off mode, a first power save mode  
4   being activated, a first power save mode being deactivated, a second power save mode being  
5   activated, a second power save mode being deactivated, a third power save mode being activated,  
6   and a third power save mode being deactivated.

1           21.    The method of claim 20, further comprising storing and deleting said sound data,  
2   and selecting said sound data according to said system state.

1           22.    The method of claim 21, said sound data including a plurality of different  
2   individual audio messages, each respective one of said individual audio messages corresponding  
3   to a respective one of said transitional states.

1           23.    The method of claim 20, said sound data comprising a plurality of different  
2   individual audio messages, each respective one of said individual audio messages corresponding  
3   to a respective one of said transitional states.

1           24.    The method of claim 12, said system state of said computer apparatus being a  
2   transitional state selected from among a booting mode corresponding to a full power off mode

3 being converted to a full power on mode, a completion mode corresponding to a full power on  
4 mode being converted to a full power off mode, and a power save release mode corresponding to  
5 a power save mode being converted to a full power on mode.

1 25. The method of claim 24, further comprising storing and deleting said sound data,  
2 and selecting said sound data according to said system state.

1 26. The method of claim 25, said sound data including a booting message output  
2 during said booting mode, a completion message output during said completion mode, and a  
3 power saving mode release message output during said power save release mode.

1 27. The method of claim 24, said sound data including a booting message output  
2 during said booting mode, a completion message output during said completion mode, and a  
3 power saving mode release message output during said power save release mode.

1 28. A computer apparatus, comprising:  
2 a basic input output system testing and controlling said computer apparatus when power  
3 is supplied;  
4 a basic input output memory being included in said basic input output system;  
5 a sound command signal unit provided in said basic input output system memory,  
6 generating a sound command signal according to a system state of said computer apparatus;

7 a booting sound memory storing sound data; and

8 a booting sound controller outputting said sound data in said booting sound memory to a  
9 speaker according to said sound command signal, said sound data including at least one selected  
10 from among pre-recorded music data input by a user and pre-recorded spoken words.

1 29. The apparatus of claim 28, said spoken words being words spoken by the user.

1 30. The apparatus of claim 29, said sound data including a booting message, a  
2 completion message, and a power saving mode release message.

1 31. The apparatus of claim 30, further comprising an input unit storing and deleting  
2 said sound data, and selecting said sound data according to said system state.

1 32. The apparatus of claim 31, said system state of said computer apparatus being a  
2 transitional state selected from among a booting mode corresponding to a full power off mode  
3 being converted to a full power on mode, a completion mode corresponding to a full power on  
4 mode being converted to a full power off mode, and a power save release mode corresponding to  
5 a power save mode being converted to a full power on mode.

1 33. The apparatus of claim 32, said booting message being output during said booting  
2 mode, said completion message being output during said completion mode, and said power

3 saving mode release message being output during said power save release mode.